

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	74	cole barrett.in.	US-PGPUB; USPAT	ADJ	ON	2008/01/10 11:22
S2	12	gu yuandong.in.	US-PGPUB; USPAT	ADJ	ON	2007/06/07 17:21
S3	312	particle detector and fluorescents	US-PGPUB; USPAT	ADJ	ON	2007/06/07 17:21
S4	804	particle adj (detector or analyzer) and fluorescents	US-PGPUB; USPAT	ADJ	ON	2007/06/07 17:40
S5	804	particle adj (detector or analyzer) and fluorescent	US-PGPUB; USPAT	ADJ	ON	2007/06/12 13:08
S6	120	S5 and aerosol	US-PGPUB; USPAT	ADJ	ON	2007/06/07 17:41
S7	94	S6 and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/06/07 17:41
S8	30	((("2002003115") or ("200200183858") or ("4754139") or ("4614961") or ("4752694") or ("4956686") or ("5021663") or ("5076097") or ("5146465") or ("5278435") or ("5286976") or ("5293041") or ("5300777") or ("5300915") or ("5550373") or ("5550373") or ("5667538") or ("5679965") or ("5701012") or ("5739554") or ("5834331") or ("5847397") or ("5900650") or ("5909280") or ("5999250") or ("6080988") or ("6097031") or ("6230572") or ("6287940") or ("6295130") or ("6296779") or ("6324192") or ("6590710"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/12/18 08:37
S13	26	S8 and substrate	US-PGPUB; USPAT	ADJ	ON	2007/06/12 12:58
S15	22	S13 and temperature	US-PGPUB; USPAT	ADJ	ON	2007/06/12 12:59
S16	21	S15 and surface	US-PGPUB; USPAT	ADJ	ON	2007/06/12 12:59
S17	3451	particle adj (analyzer or detector) and device	US-PGPUB; USPAT	ADJ	ON	2007/06/12 13:08
S18	345	S17 and substrate and collection and temperature	US-PGPUB; USPAT	ADJ	ON	2007/06/12 13:09
S19	120	S18 and adjust	US-PGPUB; USPAT	ADJ	ON	2007/06/12 13:33

## EAST Search History

S20	9	436/172.ccls. and substrate and analyzer and collector and temperature	US-PGPUB; USPAT	ADJ	ON	2007/06/12 13:35
S21	138	"436".clas. and substrate and analyzer and collector and temperature	US-PGPUB; USPAT	ADJ	ON	2007/06/25 10:50
S22	29	436/172.ccls. and sample and aerosol and energy and detector	US-PGPUB; USPAT	ADJ	ON	2007/06/12 13:49
S23	47	436/172.ccls. and sample and aerosol and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/06/12 15:59
S24	6	436/172.ccls. and sample and aerosol and fluorescence and illuminate and heat	US-PGPUB; USPAT	ADJ	ON	2007/06/12 14:52
S25	6	436/172.ccls. and sample and aerosol and fluoresc\$ and illuminate and heat	US-PGPUB; USPAT	ADJ	ON	2007/06/12 15:18
S26	65	"436" and sample and aerosol and fluoresc\$ and illuminate and heat	US-PGPUB; USPAT	ADJ	ON	2007/06/12 15:18
S27	28	"436".clas. and sample and aerosol and fluoresc\$ and illuminate and heat	US-PGPUB; USPAT	ADJ	ON	2007/06/12 15:24
S28	286	sample and aerosol and fluoresc\$ and illuminate and (heat or incubate)	US-PGPUB; USPAT	ADJ	ON	2007/06/12 15:24
S29	616	436/172.ccls. and sample and fluoresc\$ and (heat or incubate)	US-PGPUB; USPAT	ADJ	ON	2007/06/12 16:00
S30	272	436/172.ccls. and sample and fluoresc\$ and (heat or incubate) and illuminat\$	US-PGPUB; USPAT	ADJ	ON	2007/06/12 16:00
S31	81857	sample and fluoresc\$ and (heat or incubate)	US-PGPUB; USPAT	ADJ	ON	2007/06/12 16:30
S32	51535	S31 and biological	US-PGPUB; USPAT	ADJ	ON	2007/06/12 16:30
S33	70921	S31 and chemical	US-PGPUB; USPAT	ADJ	ON	2007/06/12 16:30
S34	4277	S32 and "436".clas.	US-PGPUB; USPAT	ADJ	ON	2007/06/12 16:30
S35	3345	S34 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/06/12 16:31
S36	262	S35 and humidity	US-PGPUB; USPAT	ADJ	ON	2007/06/12 16:45
S37	1	("5674098").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/12 16:45
S38	4	("3992158"   "4069017"   "4110079"   "4166093").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/12 16:45

## EAST Search History

S39	311	("3992158").URPN.	USPAT	ADJ	ON	2007/06/12 17:03
S40	1941	436/172.ccls.	USPAT	ADJ	ON	2007/06/13 12:44
S41	1596	S40 and @py<="2004" and @ay<="2004"	USPAT	ADJ	ON	2007/06/12 17:04
S42	532	S41 and (incubate or heat)	USPAT	ADJ	ON	2007/06/12 17:36
S43	8831	"436".clas. and substrate and sample and temperature	USPAT	ADJ	ON	2007/06/12 17:37
S44	2028	S43 and (analyzer or detector) and particle	USPAT	ADJ	ON	2007/06/12 17:37
S45	1641	S44 and @py<="2004" and @ay<="2004"	USPAT	ADJ	ON	2007/06/12 17:40
S46	171	S45 and temperature near5 surface	USPAT	ADJ	ON	2007/06/12 18:18
S47	8	biosensor and (fluorescence or fluorescent) and heater near5 surface	USPAT	ADJ	ON	2007/06/12 18:19
S48	12070	fluorescence and biological and heat and temperature and (analyzer or detector)	US-PGPUB; USPAT	ADJ	ON	2007/06/12 18:49
S49	7281	S48 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/06/12 18:49
S50	3634	S49 and biological near3 sample	US-PGPUB; USPAT	ADJ	ON	2007/06/12 19:02
S51	85	S50 and 436/172.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/06/12 19:21
S52	31	biosensor and surface near5 heater	US-PGPUB; USPAT	ADJ	ON	2007/06/12 19:36
S53	283	aerosol and particle analyzer	US-PGPUB; USPAT	ADJ	ON	2007/06/12 19:37
S54	69	S53 and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/06/12 19:37

## EAST Search History

S55	66	("3593055"   "3599109"   "3634614"   "3869614"   "4000252"   "4032351"   "4100416"   "4180740"   "4206132"   "4208299"   "4228237"   "4372745"   "4441943"   "4492751"   "4604364"   "4666862"   "4695393"   "4710635"   "4724217"   "4727020"   "4837169"   "4861711"   "4868103"   "4880750"   "4905169"   "4913883"   "4983359"   "5043265"   "5066580"   "5075078"   "5089424"   "5102786"   "5132242"   "5141740"   "5141850"   "5160701"   "5166948"   "5185265"   "5188942"   "5194289"   "5196709"   "5208651"   "5244630"   "5247339"   "5252459"   "5324633"   "5326692"   "5356782"   "5360628"   "5399315"   "5512493"   "5541012"   "5573909"   "5599578"   "5602040"   "5622871"   "5637509"   "5672478"   "5674698"   "5698397"   "5714389"   "5736410"   "5750333"   "5820826"   "5922615"   "5939331").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/12 19:48
S56	1011	422/82.07,82.08.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/06/13 08:26
S57	788	S56 and (analyzer or detector)	US-PGPUB; USPAT	ADJ	ON	2007/06/13 08:16
S58	28	S57 and aerosol	US-PGPUB; USPAT	ADJ	ON	2007/06/13 08:17
S59	31	S56 and aerosol	US-PGPUB; USPAT	ADJ	ON	2007/06/13 10:56
S60	319	422/82.07.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/06/13 10:56
S61	1322	422/82.08	US-PGPUB; USPAT	ADJ	ON	2007/06/13 10:56
S62	884	422/82.08.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/06/13 10:57
S63	1011	S60 or S62	US-PGPUB; USPAT	ADJ	ON	2007/06/13 10:57
S64	900	S63 and fluoresc\$	US-PGPUB; USPAT	ADJ	ON	2007/06/13 10:57
S65	796	S64 and (analyzer or detector or test)	US-PGPUB; USPAT	ADJ	ON	2007/06/13 10:58
S66	660	S65 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/06/13 11:55

## EAST Search History

S67	0	test strip and fluoresc\$ and temperature near5 couple	US-PGPUB; USPAT	ADJ	ON	2007/06/13 11:56
S68	6	test strip and temperature near5 couple	US-PGPUB; USPAT	ADJ	ON	2007/06/13 12:01
S69	2335	particle analyzer	US-PGPUB; USPAT	ADJ	ON	2007/06/13 12:01
S70	333	S69 and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/06/13 12:09
S71	1	("5682038").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/13 12:16
S72	0	aerosol particle analyzer for measuring the amount of analyte in airborn particles.ti.	US-PGPUB; USPAT	ADJ	ON	2007/06/13 12:16
S73	0	aerosol particle analyzer for measuring .ti.	US-PGPUB; USPAT	ADJ	ON	2007/06/13 12:16
S74	6	aerosol particle analyzer.ti.	US-PGPUB; USPAT	ADJ	ON	2007/06/13 12:25
S75	608	particle adj (analyzer or detector) and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/06/13 12:26
S76	406	S75 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/06/13 12:26
S77	1941	436/172.ccls.	USPAT	ADJ	ON	2007/06/13 12:44
S78	1629	S77 and fluoresc\$	USPAT	ADJ	ON	2007/06/13 12:44
S79	65	S77 and aerosol	USPAT	ADJ	ON	2007/06/13 12:51
S80	55	S78 and aerosol	USPAT	ADJ	ON	2007/06/13 13:11
S81	44567	fluoresc\$ and biological and sample	USPAT	ADJ	ON	2007/06/13 13:12
S82	13382	S81 and (detector or analyzer)	USPAT	ADJ	ON	2007/06/13 13:17
S83	0	S82 and "422,435,436".clas.	USPAT	ADJ	ON	2007/06/13 13:13
S84	41	S82 and (collection surface)	USPAT	ADJ	ON	2007/06/13 13:17
S85	179951	(analyzer or detector or device or apparatus) and (fluorescence or fluorescent)	US-PGPUB; USPAT	ADJ	ON	2007/06/20 08:46
S86	19353	S85 and aerosol	US-PGPUB; USPAT	ADJ	ON	2007/06/20 08:46

## EAST Search History

S87	30	((("2002003115") or ("200200183858") or ("4754139") or ("4614961") or ("4752694") or ("4956686") or ("5021663") or ("5076097") or ("5146465") or ("5278435") or ("5286976") or ("5293041") or ("5300777") or ("5300915") or ("5550373") or ("5550373") or ("5667538") or ("5679965") or ("5701012") or ("5739554") or ("5834331") or ("5847397") or ("5900650") or ("5909280") or ("5999250") or ("6080988") or ("6097031") or ("6230572") or ("6287940") or ("6295130") or ("6296779") or ("6324192") or ("6590710")).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/20 12:29
S88	4	S87 and aerosol	US-PGPUB; USPAT	ADJ	ON	2007/06/20 11:45
S89	4	S87 and fluoresc\$	US-PGPUB; USPAT	ADJ	ON	2007/06/20 12:09
S90	3	S87 and aerosol and fluoresc\$	US-PGPUB; USPAT	ADJ	ON	2007/06/20 12:29
S91	78525	fluoresc\$ and biological and substrate	US-PGPUB; USPAT	ADJ	ON	2007/06/20 12:10
S92	52506	S91 and (analyzer or device or apparatus)	US-PGPUB; USPAT	ADJ	ON	2007/06/20 12:13
S93	52506	S92 and substrate	US-PGPUB; USPAT	ADJ	ON	2007/06/20 12:14
S94	32016	S93 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/06/20 12:22
S95	5140	(bioparticle or biological sample) and aerosol and (heat or heating)	US-PGPUB; USPAT	ADJ	ON	2007/06/20 12:24
S96	3	S95 and (fluorscence or flourscent)	US-PGPUB; USPAT	ADJ	ON	2007/06/20 12:24
S97	48153	(fluorescent or fluorescence) and biological and method and heat	US-PGPUB; USPAT	ADJ	ON	2007/06/20 12:30
S98	30609	S97 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/06/20 12:33
S99	7969	S97 and @py<="2000" and @ay<="2000"	US-PGPUB; USPAT	ADJ	ON	2007/06/20 12:43
S100	1095	S99 and (fluorescent or fluorescence) same biological	US-PGPUB; USPAT	ADJ	ON	2007/06/20 12:50
S101	304	S100 and "436".clas.	US-PGPUB; USPAT	ADJ	ON	2007/06/20 12:57
S102	58	S100 and 436/172.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/06/20 14:19

## EAST Search History

S10 3	379	chemiluminescence same heat	US-PGPUB; USPAT	ADJ	ON	2007/06/20 14:32
S10 4	304	chemiluminescence same heat and (energy or light)	US-PGPUB; USPAT	ADJ	ON	2007/06/20 14:34
S10 5	136	chemiluminescence same heat and (energy or light) and detector	US-PGPUB; USPAT	ADJ	ON	2007/06/20 15:04
S10 6	299	particle detector and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/06/20 15:10
S10 7	2219	436/172.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/06/20 16:26
S10 8	1405	S107 and (detector or analyzer)	US-PGPUB; USPAT	ADJ	ON	2007/06/20 15:11
S10 9	1199	S108 and fluoresc\$	US-PGPUB; USPAT	ADJ	ON	2007/06/20 15:11
S11 0	11	("4673288"   "4790653"   "4818103"   "4927268"   "4997275"   "5013150"   "5106187"   "5135302"   "5166537"   "6320656"   "RE36074").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/20 16:09
S11 1	1089	436/172.ccls. and substrate	US-PGPUB; USPAT	ADJ	ON	2007/06/20 16:27
S11 2	100	"L38" and fluoresc\$ and (detector or analyzer)	US-PGPUB; USPAT	ADJ	ON	2007/06/20 16:28
S11 3	55	S112 and aerosol	US-PGPUB; USPAT	ADJ	ON	2007/06/20 16:27
S11 4	100	"L38" and fluoresc\$ and (detector or analyzer)	US-PGPUB; USPAT	ADJ	ON	2007/06/20 16:35
S11 5	113	collection surface and substrate and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/06/20 16:36
S11 6	30	collection surface same substrate and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/06/20 17:57
S11 7	102	collection surface same substrate and temperature	US-PGPUB; USPAT	ADJ	ON	2007/06/20 18:04
S11 8	39205	heater with surface	US-PGPUB; USPAT	ADJ	ON	2007/06/20 18:07
S11 9	18	S118 and substrate and collection surface	US-PGPUB; USPAT	ADJ	ON	2007/06/20 18:04
S12 0	0	("2005/0147533").URPN.	USPAT	ADJ	ON	2007/06/20 18:05
S12 1	0	("2005/0147533").URPN.	USPAT	ADJ	ON	2007/06/20 18:06
S12 2	0	("2005/0147533").URPN.	USPAT	ADJ	ON	2007/06/20 18:06
S12 3	298	S118 and "436".clas.	US-PGPUB; USPAT	ADJ	ON	2007/06/20 18:08

## EAST Search History

S12 4	242	S123 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/06/20 18:16
S12 5	2360	test strip and fluorescence and substrate	US-PGPUB; USPAT	ADJ	ON	2007/06/20 18:17
S12 6	60	test strip and fluorescence and substrate and (heater or thermal couple)	US-PGPUB; USPAT	ADJ	ON	2007/06/20 18:26
S12 7	228	test strip and substrate and (heater or thermal couple)	US-PGPUB; USPAT	ADJ	ON	2007/06/20 18:30
S12 8	40	test strip and substrate and (heater or thermal couple) with (surface or top)	US-PGPUB; USPAT	ADJ	ON	2007/06/20 18:35
S12 9	100	test strip and (heater or thermal couple) with (surface or top)	US-PGPUB; USPAT	ADJ	ON	2007/06/20 18:53
S13 0	494	test strip and heater	US-PGPUB; USPAT	ADJ	ON	2007/06/20 18:54
S13 1	37	test strip and heater near5 surface	US-PGPUB; USPAT	ADJ	ON	2007/06/20 18:54
S13 2	11786	wafer and heater same surface	US-PGPUB; USPAT	ADJ	ON	2007/06/21 12:04
S13 3	9945	S132 and substrate	US-PGPUB; USPAT	ADJ	ON	2007/06/21 12:05
S13 4	72	S133 and "436".clas.	US-PGPUB; USPAT	ADJ	ON	2007/06/21 12:05
S13 5	0	("2005/0147533").URPN.	USPAT	ADJ	ON	2007/06/21 15:04
S13 6	0	("2005/0147533").URPN.	USPAT	ADJ	ON	2007/06/21 15:04
S13 7	57	bioparticles and fluorescence	USPAT	ADJ	ON	2007/06/21 15:04
S13 8	57	bioparticle and fluorescence	USPAT	ADJ	ON	2007/06/21 15:12
S13 9	7431	(biological or bioparticles) and (fluorescent or fluorescence) and "436".clas.	USPAT	ADJ	ON	2007/06/21 15:12
S14 0	3960	S139 and (heat\$3)	USPAT	ADJ	ON	2007/06/21 15:13
S14 1	230	S139 and (heat\$3 near5 surface)	USPAT	ADJ	ON	2007/06/21 15:43
S14 2	1946	436/172.ccls.	USPAT	ADJ	ON	2007/06/21 15:52
S14 3	907	S142 and (heat\$3)	USPAT	ADJ	ON	2007/06/21 15:44
S14 4	1946	436/172.ccls.	USPAT	ADJ	ON	2007/06/21 15:52

## EAST Search History

S14 5	65	S144 and aerosol	USPAT	ADJ	ON	2007/06/21 16:13
S14 6	1	("6989086").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 16:15
S14 7	169	heater near5 surface and "436". clas.	US-PGPUB; USPAT	ADJ	ON	2007/06/21 16:16
S14 8	5	("3778229"   "3924219"   "3955929"   "4015230"   "4045178").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/21 16:22
S14 9	2	collection surface same carbon nanotube	US-PGPUB; USPAT	ADJ	ON	2007/06/21 17:15
S15 0	4211	surface same carbon nanotube	US-PGPUB; USPAT	ADJ	ON	2007/06/21 17:15
S15 1	2467	surface with carbon nanotube	US-PGPUB; USPAT	ADJ	ON	2007/06/21 17:16
S15 2	602	S151 and sensor	US-PGPUB; USPAT	ADJ	ON	2007/06/22 08:16
S15 3	432	carbon nanotubes and fluorescence and sensor	US-PGPUB; USPAT	ADJ	ON	2007/06/22 09:01
S15 4	602	sensor and surface with carbon nanotube	US-PGPUB; USPAT	ADJ	ON	2007/06/22 09:02
S15 5	15	S154 and "436".clas.	US-PGPUB; USPAT	ADJ	ON	2007/06/22 10:06
S15 6	523	"436".clas. and aerosol and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/06/22 10:06
S15 7	289	S156 and @ay<="2003" and @py<="2003"	US-PGPUB; USPAT	ADJ	ON	2007/06/22 10:11
S15 8	78	S157 and sensor	US-PGPUB; USPAT	ADJ	ON	2007/06/22 11:35
S15 9	1	("6614215").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/22 11:35
S16 0	11	("4673288"   "4790653"   "4818103"   "4927268"   "4997275"   "5013150"   "5106187"   "5135302"   "5166537"   "6320656"   "RE36074").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/22 12:06
S16 1	125	aerosol particles and fluorescence and sensor	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/22 12:09
S16 2	41217	pH and humidity and control	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/22 12:09
S16 3	1583	pH same humidity same control	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/22 12:09

## EAST Search History

S16 4	1	("4015230").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/22 12:36
S16 5	14012	heater with surface and sensor	US-PGPUB; USPAT	ADJ	ON	2007/06/22 12:36
S16 6	216	S165 and "436".clas.	US-PGPUB; USPAT	ADJ	ON	2007/06/22 14:35
S16 7	1	("4241292").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/22 15:33
S16 8	14012	heater with surface and sensor	US-PGPUB; USPAT	ADJ	ON	2007/06/22 15:35
S16 9	216	S168 and "436".clas.	US-PGPUB; USPAT	ADJ	ON	2007/06/22 15:34
S17 0	5018	heater with surface and (detector)	US-PGPUB; USPAT	ADJ	ON	2007/06/22 15:35
S17 1	161	S170 and "436".clas.	US-PGPUB; USPAT	ADJ	ON	2007/06/22 16:01
S17 2	72	thermal couple with surface	US-PGPUB; USPAT	ADJ	ON	2007/06/22 16:01
S17 3	2	((("5332550") or ("3953792"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/25 08:26
S17 4	1158	aerosol and fluorescence and lense	US-PGPUB; USPAT	ADJ	ON	2007/06/25 10:50
S17 5	639	S174 and sensor	US-PGPUB; USPAT	ADJ	ON	2007/06/25 11:49
S17 6	1757	detector with pixel and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/06/25 11:49
S17 7	359	S176 and ("422".clas. or "435".clas. or "436".clas.)	US-PGPUB; USPAT	ADJ	ON	2007/06/25 11:50
S17 8	359	S176 and ("422".clas. or "435".clas. or "436".clas.)	US-PGPUB; USPAT	ADJ	ON	2007/06/25 11:50
S17 9	155	S178 and @py<="2003" and @ay<="2003"	US-PGPUB; USPAT	ADJ	ON	2007/06/25 11:54
S18 0	139	S179 and wavelengths	US-PGPUB; USPAT	ADJ	ON	2007/06/25 12:00
S18 1	0	array of pixel with detector	US-PGPUB; USPAT	ADJ	ON	2007/06/25 12:01
S18 2	989	array adj pixels with detector	US-PGPUB; USPAT	ADJ	ON	2007/06/25 12:01
S18 3	131	S182 and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/06/25 12:17
S18 4	466	detector with plurality adj wavelength	US-PGPUB; USPAT	ADJ	ON	2007/06/25 12:17
S18 5	54	S184 and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/06/25 16:23

## EAST Search History

S18 6	1	("5771094").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/25 16:23
S18 7	6	controller with humidity with temperature with pH	US-PGPUB; USPAT	ADJ	ON	2007/06/28 17:03
S18 8	1	S187 and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/06/28 17:03
S18 9	4019	sensor same heater with surface	US-PGPUB; USPAT	ADJ	ON	2007/07/02 07:59
S19 0	146	S189 and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/07/02 07:56
S19 1	74	S189 and "436".clas.	US-PGPUB; USPAT	ADJ	ON	2007/07/02 08:03
S19 2	177	S189 and aerosol	US-PGPUB; USPAT	ADJ	ON	2007/07/02 08:11
S19 3	20026	heater near4 surface	US-PGPUB; USPAT	ADJ	ON	2007/07/02 08:11
S19 4	344	S193 and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/07/02 08:35
S19 5	1	("5520881").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/02 08:36
S19 6	63	chemical controller	US-PGPUB; USPAT	ADJ	ON	2007/07/02 08:40
S19 7	6	S196 and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/07/02 08:47
S19 8	1	("5992215").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/02 08:59
S19 9	6	chemical controller and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/07/02 09:02
S20 0	2	chemical controller and aerosol	US-PGPUB; USPAT	ADJ	ON	2007/07/02 09:04
S20 1	63	chemical controller	US-PGPUB; USPAT	ADJ	ON	2007/07/02 10:37
S20 2	2	chemical controller same substrate	US-PGPUB; USPAT	ADJ	ON	2007/07/02 09:04
S20 3	671	chemical near5 controller and substrate	US-PGPUB; USPAT	ADJ	ON	2007/07/02 09:07
S20 4	53	S203 and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/07/02 09:17
S20 5	82	aerosol same controller same chemical	US-PGPUB; USPAT	ADJ	ON	2007/07/02 09:17
S20 6	28	chemical controller same sensor	US-PGPUB; USPAT	ADJ	ON	2007/07/02 10:19
S20 7	3	chemical controller same analyzer	US-PGPUB; USPAT	ADJ	ON	2007/07/02 10:27

## EAST Search History

S20 8	3	analyzer and fluorescence	US-PGPUB; USPAT	ADJ	ON	2007/07/02 10:27
S20 9	118806	fluorescence and analyzer or detector and chemical	US-PGPUB; USPAT	ADJ	ON	2007/07/02 10:41
S21 0	7968	S209 and "436".clas.	US-PGPUB; USPAT	ADJ	ON	2007/07/02 10:38
S21 1	0	S209 and "436/172".clas.	US-PGPUB; USPAT	ADJ	ON	2007/07/02 10:38
S21 2	1075	S209 and "436/172".ccls.	US-PGPUB; USPAT	ADJ	ON	2007/07/02 10:38
S21 3	27984	fluorescence and (analyzer or detector) and chemical	US-PGPUB; USPAT	ADJ	ON	2007/07/02 10:41
S21 4	883	S213 and 436/172.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/07/02 11:04
S21 5	1	("4651010").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/02 11:04
S21 6	30	((("2002003115") or ("200200183858") or ("4754139") or ("4614961") or ("4752694") or ("4956686") or ("5021663") or ("5076097") or ("5146465") or ("5278435") or ("5286976") or ("5293041") or ("5300777") or ("5300915") or ("5550373") or ("5550373") or ("5667538") or ("5679965") or ("5701012") or ("5739554") or ("5834331") or ("5847397") or ("5900650") or ("5909280") or ("5999250") or ("6080988") or ("6097031") or ("6230572") or ("6287940") or ("6295130") or ("6296779") or ("6324192") or ("6590710")).PN.	US-PGPUB; USPAT	OR	OFF	2007/12/18 08:38
S21 7	4	S216 and fluoresc\$4	US-PGPUB; USPAT	ADJ	ON	2007/12/18 09:10
S21 8	3	S217 and aerosol	US-PGPUB; USPAT	ADJ	ON	2007/12/18 08:38
S21 9	28630	aerosol and fluoresc\$4	US-PGPUB; USPAT	ADJ	ON	2007/12/18 09:11
S22 0	6010	S219 and detector	US-PGPUB; USPAT	ADJ	ON	2007/12/18 09:11
S22 1	823	"L9" and isolate	US-PGPUB; USPAT	ADJ	ON	2007/12/18 09:11
S22 2	528	S220 and insulat\$3	US-PGPUB; USPAT	ADJ	ON	2007/12/18 09:13
S22 3	40	S222 and collection same aerosol	US-PGPUB; USPAT	ADJ	ON	2007/12/18 09:13

## EAST Search History

S22 4	1	GB-2409036-\$.DID.	DERWENT	ADJ	ON	2008/01/03 12:11
S22 5	4	((("6985818") or ("5397536") or ("6040191") or ("6174677"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/03 13:45
S22 6	1	("6408704").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/03 13:55
S22 7	34	aerosol same fluorescence same substrate	US-PGPUB; USPAT	ADJ	ON	2008/01/03 13:55
S22 8	4	("6194731").PN. OR ("6664550").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 15:55
S22 9	273	substrate same thermally and isolated and aerosol	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 15:55
S23 0	14	(substrate same thermally same isolated) and aerosol	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 16:27
S23 1	352	substrate and aerosol and carbon near2 nanotubes	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 16:28
S23 2	83	substrate with aerosol and carbon near2 nanotubes	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 16:28
S23 3	41	substrate with aerosol and (carbon near2 nanotubes same surface)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 16:44
S23 4	7	S233 and fluorescence	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 16:44
S23 5	17	substrate with aerosol and (adsorbate same surface)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 16:44
S23 6	1	S235 and fluorescence	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 16:44
S23 7	27	particle with analyzer same substrate same temperature	US-PGPUB; USPAT	ADJ	ON	2008/01/04 07:52
S23 8	16	S237 and @py<="2003" and @ay<="2003"	US-PGPUB; USPAT	ADJ	ON	2008/01/04 09:26
S23 9	3	((("6187268") or ("5916156") or ("4824640"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/04 09:36
S24 0	1	("6715263").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/04 09:36
S24 1	9	banks percival.in.	US-PGPUB; USPAT	ADJ	ON	2008/01/04 09:37

## EAST Search History

S24 2	1	("5922215").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/10 11:22
S24 3	1	("5992215").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/10 11:22